

**Lee R. DeWilde**

1614 Madison Dr.  
Fairbanks, Alaska 99709  
Phone: (907) 374-8363  
E-Mail: [fslrd1@uaf.edu](mailto:fslrd1@uaf.edu)

**EDUCATION/CERTIFICATIONS/TRAINING**

**B.S. Mechanical Engineering**, expected 5/04  
University of Alaska Fairbanks (UAF), GPA 3.72  
**Airframe and Powerplant Certificate**, 1987  
Anchorage Community College (ACC) GPA 3.32  
Associate Degree Aviation Maintenance (UAF) GPA 3.72  
FAA Authorized Inspector  
**Doyon Drilling Roustabout Training**  
**Emergency Fire Fighter (EFF) Red card.**

**WORK HISTORY**

**Mechanical Engineer Intern**, Alyeska Pipeline Svc Co., Pump Station 4, and Doyon Industrial Facility  
Summers of 2001-2003  
Worked with Facility and System Engineer to follow assignments through to completion.  
Investigated various hydraulic problems such as valve choking and cavitation.  
Assembled draft procedures and coordinated the implementation of repair work orders that required engineering input.  
Coordinated with technicians to resolve operational and maintenance problems, including repair of firewater and dewatering lines and survey of structures for compliance with fire marshal letter.  
Assisted with shutdown activity on RGV 36.  
Incorporated FARS into various MOD packages.  
Worked on modification packages for monthly ENRAF verification and Pig Trap Receiver Permissive Switch/Drain.  
Researched and complied with the applicable reference books, codes and standards (NFPA, API, IBC, etc) when accomplishing the aforementioned.

**Mechanical Engineer Intern**, Design Alaska, Fairbanks, Alaska

Summer of 2000  
AutoCAD drawing of fire sprinkler piping and heating load calculations for the UAF Rasmussen library renovation,  
Heating load calculations for Butrovich HVAC improvements.

**Aircraft Mechanic**, Wright Air Service, Fairbanks, Alaska

1997-1999  
Performed maintenance on piston and turbine aircraft, which involved machine and sheet metal work

**Aircraft Mechanic**, Frontier Flying Service, Fairbanks, Alaska  
1990-1997

Shift supervisor on piston, turbine, and pressurized aircraft

**Aircraft Mechanic**, Galena Air/Mark Air, Galena/Bethel, Alaska  
1989-1990

Shift supervisor on piston, turbine, and pressurized aircraft

**Roustabout and Mechanic**, Doyon Drilling, Prudhoe Bay Alaska.  
3/97-6/97

Worked as a roustabout, floor hand, and mechanic on oil drilling rigs

### **SKILLS**

Proficient with Excel, Word, Lotus 123, Fisher and Introl Valve sizing programs.  
Familiar with Passport, AutoCAD, C++, FORTRAN, Natasha Hydraulic Model, MS  
Project, hot work permits, tag out lockout procedures.

### **AFFILIATIONS**

Tutor coordinator for American Indian Science and Engineering Society (AISES)  
American Society of Mechanical Engineering (ASME)  
Alaska Native Science and Engineering Society (ANSEP)  
Golden Key National Honors Society

### **HONORS**

UAF Outstanding M.E. Undergrad Student for 2002-2003  
UAF Chancellor's List (4.0), Fall 2002  
ANSEP outstanding academic achievement

**APPLICANT SCREENING INFORMATION**  
(Please Print)

Student Name: Lee DeWilde Gender: M F

College: Univ Alaska Fairbanks

Fresh.      Soph.      Jr.      Sr. Master's      Masters      Veteran Status

Proposed Graduation Date: 2009 GPA: 3.72

Type of Interest with USACE: (why do you want to work for USACE?):

Mechanical Eng.

Personal Communications Skills: Excellent

Geographical Preference: Alaska

Overall Impression/Comments: (Likes/Dislikes)

Would you Recommend?      Definite      Possible      No

Recruiter Name: R. Fuzza

## **Elwood Pahi**

PO Box 352  
Holbrook, Arizona 86025  
epahi@apsc.com  
928-288-1309 (W) 928-587-9364 (H)

## **Education**

### **Northern Arizona University**

Flagstaff, Arizona

BS Degree Mechanical Engineering & Tech on May 16, 1980

### **Northfield Mount Herman High School**

Mount Herman, Mass.

## **Professional experience**

**Technical Service: summer of 1976, Four Corner Power Plant, NM.** Did numerous drafting revisions of pipe system, electrical circuit and worked on some engineering projects with plant engineers.

**Technical Service: January 1979 through August 1979, Hughes Aircraft, Tucson, Az.** Worked with Missile Design Department. Mainly assisted in revising Missile manufacturing specification.

**Technical Service: May 27, 1980 to present, Cholla Power Plant, Az.**

**Sr. Performance Engineer-** Perform acceptance test on new equipment installation. Developing and conducting plant equipment performance testing on major plant equipments. Utilize Citect, PMAX and PI Process Book software for data acquisition, calculation and monitoring plant equipments and to improve plant unit Heat Rate. Use PEPSE software to model turbine, boiler, and other fluid system to enhance plant performance, effect on design change, and to do economic analysis.

**Mechanical Engineer-** Utilize engineer design, oversight work is technically sound, cost effective, and in compliance with established standards, codes, and regulations. Maintain control of capital and O&M project cost within authorized budgets, and assist in their timely installation. Prevent catastrophic plant equipment failure and minimize unit load curtailment by periodic vibration monitoring, vibration analysis, and balancing of rotating equipment. Provide technical assistance and guidance to Operation and Maintenance personnel to enhance unit reliability and maintenance practices.

*Additional information available on request.*

## **Professional memberships**

Currently an ASME member.

Currently an American Indian Science and Engineer professional member and an AISES sponsor.

## **Languages**

I also speak Navajo, which is my native language.

## **Community activities and Hobby**

4H Leader, President of the Navajo Spring Livestock Corp., Vice President of the Indian Education Committee, and Elected Member of the Navajo Spring Planning Committee. Member of Navajo Nation Rodeo Cowboy Association, Ranching, Running and Member of the US Team Roping Association.

## **References**

Conrad Spencer

APS Cholla Power Plant

Joseph City, AZ 86032

928-288-1206      cspencer@apsc.com

Randy Lungren

APS Generation Engineering

Phoenix, Az

602-371-7294      rlungren@apsc.com

Tim Vachon

APS Cholla Power Plant

Joseph City, Az 86032

928-288-1441      tvachon@apsc.com

Wayne Finner

APS Cholla Power Plant

Joseph City, Az 86032

928-288-1445      wfinner@apsc.com

Ben Preusser

APS Cholla Power Plant

Joseph City, Az 86032

928-288-1421      bpreusser@apsc.com

**APPLICANT SCREENING INFORMATION**  
(Please Print)

Student Name: Edward Pahl Gender: (M) F

College: \_\_\_\_\_

Fresh.      Soph.      Jr.      Sr.      Masters      Veteran Status

Proposed Graduation Date: \_\_\_\_\_ GPA: \_\_\_\_\_

Type of Interest with USACE: (why do you want to work for USACE?): \_\_\_\_\_

Mechanical Engr 1980 -  
Looking for any Mechanical Engr Position

Personal Communications Skills: \_\_\_\_\_

Geographical Preference: \_\_\_\_\_

All

Overall Impression/Comments: (Likes/Dislikes) \_\_\_\_\_

Would you Recommend? Definite      Possible      No

Recruiter Name: Tom Hall

Home: W6130 Cty. Y  
Brownsville, WI 53006

Phone Home: (920)583-8478

School: 1152 Tripp Circle  
103 Ochsner Adams  
Madison, WI 53706

School: (608)264-1108  
E-mail srsterr@wisc.edu

# Scott Sterr

---

**Objective** A Co-Op or Intern position in a mechanical engineering field providing the opportunity to make a strong contribution to those surrounding me, and to develop my professional skills for the future.

**Education** Fall 01 – Fall 03 University of Wisconsin Madison Madison, WI  
**Pre Engineering**  
▪ Planned on majoring in Mechanical Engineering.

**References** Available upon request.

**Summer jobs** Summer 03 Seek Incorporated Fond du Lac, WI  
**Temporary Associate**  
▪ Worked as a counter and line preparer for Admanco Screen Printing.  
▪ Welded, plasma cut, prepped, and performed maintenance on assembly line at Waste Equipped.

Summer 02/July 01 – Aug. 01 Wausau Supply Co. Fond du Lac, WI  
**Forklift Operator**  
▪ Pulled orders using forklift and hand held inventory scanner.  
▪ Loaded and unloaded trucks.  
▪ Confirmed warehouse inventory.

Summer 99,00 June 01-July 01 . Lefeber Stone Co Oakfield, WI  
**Machine Operator, Trainer, Laborer**  
▪ Used front end loader to load trucks with gravel and clean work area.  
▪ Used forklift to split and remove stone slabs from quarry wall.  
▪ Drilled holes and prepared for blasting.  
▪ Trained new employees after my first summer.  
▪ Stacked stone and prepared for shipping.

## Experience/Skills

### Computer:

- Experience with AutoCAD, Pro-E, Unigraphics, Matlab, and Maple.
- Very experienced in hardware and assembly of computers.

### Mechanical:

- Restored Classic cars.
- Modify suspension geometry.
- Build and install engines.
- Weld and prep bodies for paint.

**APPLICANT SCREENING INFORMATION**  
(Please Print)

Student Name: Scott Sterr Gender: (M) F

College: Univ. of Wisconsin Madison

Fresh.      Soph.      Jr. ☒ Sr.      Masters      Veteran Status

Proposed Graduation Date: Dec 2005 GPA: 2.4

Type of Interest with USACE: (why do you want to work for USACE?):

Mechanical

Personal Communications Skills:

Good

Geographical Preference:

warm weather

like to travel

Overall Impression/Comments: (Likes/Dislikes)

Still have approximately 2 years

Would you Recommend?      Definite      ☒ Possible      No

Recruiter Name: Blynn R. Alsop



# Merle A. Yazzie

---

1185 W. University Ave. #19-255  
Flagstaff, Arizona 86001  
928.213.0069  
may2@dana.ucc.nau.edu

P.O. Box 3831  
Page, Arizona 86040  
928.645.3815  
merle\_yazzie@hotmail.com

---

## OBJECTIVE

To acquire a job/internship that both, challenges my abilities and stimulates my interests in the engineering community.

## EDUCATION

Northern Arizona University, Flagstaff, Arizona  
Senior, Mechanical Engineering - Fluid Mechanics Emphasis  
Projected Date of Graduation - May 2005

Coconino Community College, Flagstaff, Arizona

Page High School, Page, Arizona  
Date of Graduation - May 22, 1995

## PROFESSIONAL EXPERIENCE

- |                      |  |
|----------------------|--|
| Summer 2003          | <u>Navajo Generating Station (SRP)</u> , Page, Arizona<br><b>Mechanical Engineering Intern</b> <ul style="list-style-type: none"><li>* Redesigned Main Employee parking lot.</li><li>* Continued Safety Valve Project - Initiated maintenance preparatory work for Units 2 &amp; 3 Safety Valve related-departments for Scheduled Outage 2004.</li></ul>   |
| Christmas Break 2002 | <u>Navajo Generating Station (SRP)</u> , Page, Arizona<br><b>Mechanical Engineering Intern</b> <ul style="list-style-type: none"><li>* Constructed database for all the Steam Traps on NGS plant site.</li><li>* Similar to the Safety Valve Project, researched and developed a plan that coincides with the outage schedule, and allows testing and replacing of the steam traps to transpire.</li><li>* Followed up on Battery Room Project from Summer 2002.</li></ul>   |
| Summer 2002          | <u>Navajo Generating Station (SRP)</u> , Page, Arizona<br><b>Mechanical Engineering Intern</b> <ul style="list-style-type: none"><li>* Researched and developed a plan that coincides with the outage schedule, and allows testing and replacing of the safety valves to take place.</li><li>* Designed a database that allows workers of all levels of computer training to submit changes and input data regarding safety valves. The database was constructed in Visual Basic, and embedded in an Excel file thereafter.</li><li>* Investigated the possibility of a hydrogen explosion in all battery rooms on the NGS plant site.</li></ul> |

Christmas Break 2001

Palo Verde Nuclear Generating Station (APS), Phoenix, Arizona  
**Mechanical Engineering Intern I**

- \* Continued to provide assistance in overlooking the entire turbine and diesel generating systems, and its associated upkeep.
- \* Aided in troubleshooting an electronic monitoring devise for the turbine system.

Summer 2002

Palo Verde Nuclear Generating Station (APS), Phoenix, Arizona  
**Mechanical Engineering Intern I**

- \* Assisted in tracking airlines and in all stages of the repair process on portions of the Instrument Air, and Heating, Ventilation & Air Conditioning (HVAC) Systems for Palo Verde.
- \* Constructed an accurate database for areas overlooked and linked by Fire Prevention Engineering and the Control Room.
- \* Assisted in overlooking the entire turbine and diesel generating systems, and its associated upkeep.

## PROFESSIONALLY RELATED SKILLS

- \* Well based in both MAC and PC systems, and Windows operating systems.
- \* Proficient in Mechanical Desktop, AutoCAD, MathCAD, MS Word, MS Excel, MS Power Point.
- \* Self-motivated, mechanically inclined and eager to learn.

## PROFESSIONAL AFFILIATES

- \* American Indian Science and Engineering Society (AISES)

## OTHER JOB EXPERIENCE

6/1/00 – 7/5/03

ACE TV Rentals, Flagstaff, Arizona  
**Delivery Driver**

- \* Repair all computer related problems.
- \* Refurbish broken wooden furniture pieces.
- \* Customer service, which overlapped into the delivery and recovery of rented items.

4/28/98 - 10/16/00

Wal-Mart, Flagstaff, Arizona  
**Garden Center Sales Associate**

- \* Assemble barbeque grills, mowers, carports, sheds, etc.
- \* Rotate merchandise according to appropriate season.
- \* Cashier duties and responsibilities.
- \* Customer service and the delivery of larger items on occasion.

Summer 1997

Page Ice Inc., Page, Arizona  
**Bagger/Delivery Driver**

- \* Troubleshoot and fix ice-bagging machines in the event of failure.
- \* Bag and deliver ice to local merchants.

## OTHER SKILLS

- \* Proficient in MS Outlook, MS Publisher, Adobe Photoshop, and Flash.
- \* Three years of cabinet making in high school and a fairly proficient welder.
- \* Improving skills in speaking and writing the Navajo Language.